SCHOOL OF CIVIL ENGINEERING

JOINT HIGHWAY RESEARCH PROJECT

JHRP-75-24

TRAFFIC SPEED REPORT NO. 94

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PURDUE UNIVERSITY
INDIANA STATE HIGHWAY COMMISSION

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TRAFFIC SPEED REPORT NO. 94

TO: J. F. McLaughlin, Director
Joint Highway Research Project

December 1, 1975
File: 8-3-3

FROM: H. L. Michael, Associate Director
Joint Highway Research Project

Project: C-36-10C

The attached Progress Report No. 94 on Traffic Speeds is the report of the 1975 study of free-flowing automobile and truck speeds on rural, tangent, level sections of Interstate, 4-lane and 2-lane and on urban interstate highways in Indiana. The report has been prepared by Mr. A. A. Gadallah, a Graduate Instructor in Research on our staff, under the direction of Professor H. L. Michael. The data were collected by Mr. G. K. Stafford and a number of graduate assistants on our staff.

The results indicate an increase of 0.9 mph in the average speed of all passenger cars and an increase of 2.2 mph for heavy trucks to that of the 1974 study.

Copies of the report will be sent to the Federal Highway Administration and the ISHC for review, comment and acceptance as fulfillment of the objectives of this HPR Part I Study. Copies of the report upon acceptance by FHWA and ISHC are requested for release to the Indiana State Police, the Indiana Traffic Safety Council and the Indiana Office of Traffic Safety as a normal procedure for these reports.

Respectfully submitted,

Harold L. Michael

Harold L. Michael
Associate Director

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Progress Report

TRAFFIC SPEED REPORT NO. 94

by

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and

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Joint Highway Research Project

File No.: 8-3-3

Project No.: C-36-10C

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Engineering Experiment Station
Purdue University
in cooperation with the
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and the
U. S. Department of Transportation
Federal Highway Administration

The opinions, findings and conclusions expressed in this publication are those of the authors and not necessarily those of the Federal Highway Administration.

Purdue University
West Lafayette, Indiana
December 1, 1975

TECHNICAL REPORT STANDARD TITLE PAGE

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16. Abstract: This report is the annual continuing study of speeds of vehicles on rural Indiana Highways. Observations of spot speeds were taken on interstate, four-lane, and two-lane highways throughout the state during the months of July, August and September 1975. Starting with this annual study, two(2) new urban interstate highway stations are included in the analysis.

Analysis of the speeds showed the overall average speed for passenger cars was 58.7 mph. The overall average speed for heavy trucks was 57.4 mph. These were 0.9 mph, and 2.2 mph higher for passenger cars and heavy trucks, respectively, than the results of June-September 1974 (Speed Report No. 92). The increase in speed was mainly on interstate facilities. The speed patterns on rural and urban interstate highways were almost identical.

17. Key Words	18. Distribution Statement
Speeds, Highway Speeds, Rural Highway Speeds, Speed Trends, 55 mph Speed Effect.	

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TRAFFIC SPEED REPORT NO. 94

This report is an analysis of spot speed observations made during July, August, and September 1975. All observations were made of free-flowing vehicles on level, tangent sections of rural and urban highways during daylight and under favorable conditions. The same locations on selected Federal and State rural highways as used in the previous annual studies were used again except stations 6 and 11, which were moved to new sites on the same highways due to changes of geometry and/or traffic volume at the original sites. Two new speed stations on Urban Interstate highways have also been added to this annual study (stations 13 and 14). Stations were classified as two-lane, four-lane, rural interstate, or urban interstate highways. A representative sample of spot speeds was obtained at each station in each classification. The site locations were as follows: (See Figure A)

		Rural Interstate Highways
1.	I-69	3.3 miles south of Junction of SR 18
2.	I-65	1.0 miles west of Junction of SR 334
3.	I-74	1.0 miles west of Junction of Post Road
4.	I-65	7.5 miles north of Junction of SR 160
		Four Lane Highways
5.	U. S. 31	1.2 miles south of Junction of SR 38
6.	U. S. 30	2.0 miles east of Junction of SR 49
7.	U. S. 41	1.0 miles north of South Junction of SR 2
8.	U. S. 52	1.0 miles west of Klondike
		Two Lane Highways
9.	U. S. 35	1.5 miles east of Junction of I-69
10.	S. R. 43	2.0 miles south of Chalmers
11.	U. S. 231	1.0 mile south of Junction of SR 234
12.	S. R. 25	0.7 miles west of Americus
		Urban Interstate Highways
13.	I-94	Near Burr
14.	I-65	East of White River

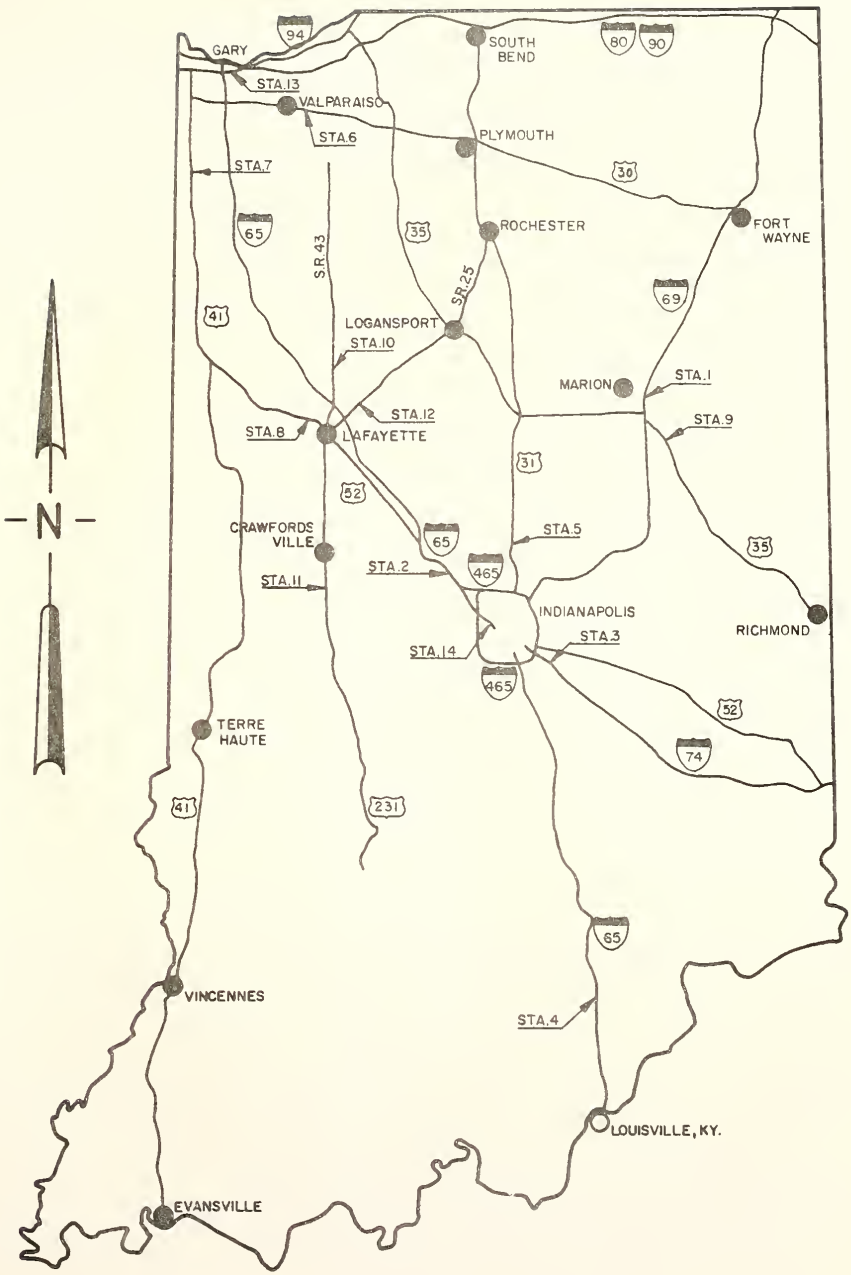

FIGURE A LOCATIONS OF SPEED-STUDY STATIONS

The vehicles were classified as Indiana or Non-Indiana Passenger Cars and Light (less than 5000 lbs. gross weight) or Heavy (equal to or more than 5000 lbs. gross weight) Trucks. The analysis was performed as classified and combined, passenger cars or trucks.

The maximum speed limit in Indiana is 55 miles per hour, both on Interstate and other rural highways.

Equipment and Field Procedure

The observations for this study were obtained by use of an "Electromatic" Radar Speed Meter. The meter was placed approximately four feet from the edge of the pavement at angles less than 10^{o} with the highway center line. No corrections of speeds were necessary at these small angles. At the beginning of the study the accuracy of the meter was checked and any constant discrepancy of readings was corrected accordingly.

RESULTS OF ANALYSIS

The data collected were analyzed and are summarized in Tables 1 to 14 in the Appendix. Tables 15, 16, 17 and 18 summarize the data for rural interstate, four lane, two lane, and urban interstate highways, respectively. Table 19 is the summary for all highways. Tables 20, 21 and 22 are summaries in an FHWA format which is desired. The average speed for each classification of vehicles on each type of highway for this study was as follows:

	Interstate		Other Four Lane	Two-Lane
	Urban	Rural	Rural	Rural
Passenger Cars:				
Indiana	59.73	59.73	57.55	57.20
Non-Indiana	60.91	60.23	58.07	57.42
All Passenger Cars	60.00	59.94	57.66	57.76
85 Percentile (all)	64.20	64.20	62.02	62.48
Trucks				
Less than 5000 lbs.	58.55	58.17	56.37	57.52
5000 lbs. or more	58.72	59.27	55.87	56.22
All Vehicles:				
Average	59.68	59.64	57.18	57.50
85 Percentile	63.70	63.80	61.91	62.50

The percent of vehicles exceeding the speed limit (55 mph) for each classification of vehicle and each type of highway was as follows:

	Interstate		Other Four Lane	Two Lane
	Urban	Rural	Rural	Rural
Passenger Cars:				
Indiana	82.99	83.48	68.88	67.52
Non-Indiana	93.17	86.54	73.05	63.64
All Passenger Cars	85.33	84.76	69.82	67.11
Trucks:				
Less than 5000 lbs.	77.92	77.16	54.99	68.33
5000 lbs. or more	76.92	79.74	57.57	51.27
All Vehicles:	83.41	83.06	66.07	64.98

The percent of vehicles traveling more than 5 mph above the speed limit (exceeding 60 mph) for each case was as follows:

	Interstate		Other Four Lane	Two Lane
	Urban	Rural	Rural	Rural
Passenger Cars:				
Indiana	42.14	41.82	27.62	28.85
Non-Indiana	49.07	47.20	30.47	23.14
All Passenger Cars	43.73	44.07	28.26	28.25
Trucks:				
Less than 5000 lbs.	35.06	28.40	27.42	26.67
5000 lbs. or more	39.16	39.87	21.71	23.73
All Vehicles:	42.30	41.71	26.94	27.35

The percent of vehicles traveling more than 10 miles per hour above the speed limit (exceeding 65 mph) for each case was as follows:

	Interstate		Other Four Lane	Two Lane
	Urban	Rural	Rural	Rural
Passenger Cars:				
Indiana	11.09	11.46	6.54	7.56
Non-Indiana	14.29	15.11	8.20	7.44
All Passenger Cars	11.82	12.99	6.91	7.54
Trucks:				
Less than 5000 lbs.	5.19	6.79	8.60	7.92
5000 lbs. or more	5.59	9.80	3.95	6.78
All Vehicles:	10.30	11.77	6.55	7.49

TABLE A: Comparison of the Overall Speed Results

	July-Sept. 1975	June-Sept. 1974	Δ**
Average			
All Passenger Cars	58.7 (5.32)*	57.8 (5.81)	+0.9
Heavy Trucks	57.4 (5.74)	55.2 (5.69)	+2.2
All Trucks	57.4 (5.81)	55.6 (5.99)	+1.8
85 Percentile			
All Passenger Cars	63.4	62.6	+0.8
Heavy Trucks	62.5	59.7	+2.8
All Trucks	62.5	60.2	+2.3
15 Percentile			
Heavy Trucks	51.5	49.2	+2.3

* Values in parentheses are standard deviations.

** Δ = Difference between July-Sept.1975 Speed Data and June-Sept. 1974 Speed Data.

TABLE B

SUMMARY OF SPOT SPEED OBSERVATION ON RURAL INDIANA HIGHWAYS

(Free-moving Vehicles on Level, Tangent Sections)

		Passenger Cars				Trucks		
		Ind. Mean	Non-Ind. Mean	All Mean	All 85%	Light Mean	Heavy Mean	All Mean
Two-Lane Highways								
Sept.	'66	60.1	59.5	59.9	65.5	55.4	50.8	52.0
Aug.	'67	61.0	61.9	61.3	68.0	53.8	51.9	52.7
June	'68	61.2	62.4	61.5	68.1	54.4	54.2	54.3
July	'69	64.7	64.6	64.7	71.9	60.5	55.9	57.9
July	'70	62.3	62.8	62.3	68.9	59.0	54.8	56.7
July	'71	61.4	60.9	61.3	68.0	58.0	54.0	55.6
June	'72	62.0	62.4	62.0	68.7	53.3	55.6	56.7
Aug.	'73	62.1	61.4	62.1	68.7	58.7	56.4	57.3
Aug.	'74	56.8	55.9	56.7	61.8	55.3	54.5	54.8
Aug.	'75	57.2	57.4	57.8	62.5	57.5	56.2	56.9
Four-Lane Highways								
Sept.	'66	63.1	64.3	63.5	69.0	58.7	52.8	54.2
Aug.	'67	64.3	65.7	65.0	70.3	57.0	54.0	54.9
June	'68	64.2	66.2	64.9	70.4	58.4	55.4	56.2
July	'69	67.7	68.3	67.9	74.6	64.0	58.0	59.6
July	'70	64.6	64.3	64.5	70.6	59.7	55.0	54.2
July	'71	64.3	65.4	64.7	70.7	59.8	56.4	57.4
June	'72	64.3	64.3	64.3	70.9	59.4	55.2	57.1
Aug.	'73	64.0	63.7	63.9	70.9	60.8	57.8	59.1
Aug.	'74	58.0	57.9	58.0	63.1	56.8	54.4	55.3
Aug.	'75	57.6	58.1	57.7	62.0	56.4	55.9	56.1
Interstate Highways								
Sept.	'66	62.1	63.3	62.5	68.5	56.1	54.9	55.3
Aug.	'67	66.4	68.3	67.1	73.6	60.0	56.9	57.5
June	'68	66.2	67.9	66.8	72.4	60.5	57.9	58.5
July	'69	70.2	71.2	70.6	76.6	65.3	59.9	61.4
July	'70	69.1	69.2	69.2	74.6	63.8	59.6	60.5
July	'71	68.3	68.7	68.5	73.7	64.8	59.4	60.8
June	'72	69.1	69.6	69.3	74.4	63.7	60.9	61.8
Aug.	'73	69.3	70.1	69.6	74.8	64.1	61.6	62.3
Aug.	'74	58.3	59.3	58.7	62.6	56.7	56.4	56.5
Aug.	'75	59.7	60.2	59.9	64.2	58.2	59.3	58.9
All Rural Highways								
Sept.	'66	61.8	62.4	62.0		56.7	52.7	53.8
Aug.	'67	63.9	65.8	64.5		56.3	54.6	55.1
June	'68	63.8	66.6	64.5		57.2	56.2	56.5
July	'69	67.3	68.8	67.9		62.7	57.9	59.5
July	'70	65.1	66.3	65.5		60.3	56.4	57.5
July	'71	64.3	66.2	64.9		60.3	56.8	57.9
June	'72	64.8	66.9	65.2		60.1	57.6	58.6
Aug.	'73	64.7	67.1	65.2		60.9	58.8	59.6
Aug.	'74	57.6	58.4	57.8		56.2	55.1	55.6
Aug.	'75	58.5	59.5	58.7		57.5	57.4	57.4

Summary and Conclusions

The overall average speed for passenger cars in this study was found to be 58.7 mph. The overall average speeds for heavy trucks and for all trucks were found to be the same and equal to 57.4 mph. These overall average speeds are 0.9 mph, 2.2 mph, and 1.8 mph higher for passenger cars, heavy trucks, and all trucks, respectively, than the results of June-Sept. 1974.

The 85th percentile speed of passenger cars increased 0.8 mph from 1974 on all highways to 63.4 mph with an increase of 1.6 mph on the interstate and 0.7 mph on the two-lane and a decrease of 1.1 mph on the four-lane highways. Table A presents a comparison of the overall speed results with that of 1974. Table B further compares speed results for the classes of highway and vehicles for the past 10 years.

The increases in average speeds of passenger cars and trucks were mainly on the interstate facilities where passenger cars increased 1.2 mph since June-Sept. 1974 and heavy trucks 2.9 mph.

A comparison of 1975 speed data with that for other recent periods for several types of highway for passenger cars and trucks is shown in Tables C, D and E. The data for the May-June 1975 and May 1974 periods are for only a portion of the stations.

The speeds on urban interstate highways could not be compared with previous studies as this was the initial study at these two stations. It is clear, however, that interstate speeds were about the same for urban as for rural sections for this period (See Tables 20, 21 and 22 in the appendix).

TABLE C: AVERAGE SPEEDS ON INTERSTATE HIGHWAYS (RURAL)

	July-Sept. 1975	May-June 1975	June-Sept. 1974	May 1974
Passenger Cars:				
Indiana	59.7	57.4	58.3	59.96
Non-Indiana	60.2	57.4	59.3	59.76
All Passenger Cars	59.9	57.4	58.7	59.92
85 Percentile (all)	64.2	60.9	62.6	62.96
Trucks:				
Less than 5000 lbs.	58.2	56.6	56.7	58.00
5000 lbs. or more	59.3	56.7	56.4	57.00

TABLE D: AVERAGE SPEEDS ON OTHER FOUR-LANE HIGHWAYS

	July-Sept. 1975	May-June 1975	June-Sept. 1974	May 1974
Passenger Cars:				
Indiana	57.6	58.6	58.0	56.74
Non-Indiana	58.1	58.4	57.9	55.87
All Passenger Cars	57.7	58.6	58.0	56.62
85 Percentile (all)	62.0	63.3	63.1	62.38
Trucks:				
Less than 5000 lbs.	56.4	56.9	56.8	55.32
5000 lbs. or more	55.9	55.4	54.4	53.22

TABLE E: AVERAGE SPEEDS ON TWO-LANE HIGHWAYS

	July-Sept. 1975	May-June 1975	June-Sept. 1974	May 1974
Passenger Cars:				
Indiana	57.2	57.1	56.8	58.70
Non-Indiana	57.4	57.7	55.9	57.14
All Passenger Cars	57.8	57.1	56.7	58.66
85 Percentile (all)	62.5	62.3	61.8	62.77
Trucks:				
Less than 5000 lbs.	57.5	55.6	55.3	55.86
5000 lbs. or more	56.2	53.6	54.5	53.89

APPENDIX A

Determination of Sample Size

Determination of Sample Size

It was desired that a 95% confidence interval of the true mean of the speed of passenger cars should not be wider than 2 mph. For trucks weighing 5000 lbs. or more a 95% confidence interval with a 4 mph band was desired.

Assuming a normal distribution of speeds and using the standard deviation of the 1974 data, the minimum sample size requirements were determined by:

$$N = \left(\frac{2t\ S}{L}\right)^2$$

N = sample size required

t = tabulated "t" value for the required level of significance

S = estimated standard deviation

L = width of the interval

For Passenger Cars:

$$N = \left(\frac{2 \times 1.96 \times 5.81}{2}\right)^2 = 130 \text{ observations}$$

For Heavy Trucks:

$$N = \left(\frac{2 \times 1.96 \times 5.69}{4}\right)^2 = 32 \text{ observations}$$

NOTES:

1. At all stations at least 280 passenger car observations and 53 heavy truck observations were obtained for the study reported herein.

2. The minimum sample size requirement under the mandatory 55 mph speed limit is about half the size required under the previous 70 mph speed limit; this is due to the reduction in the estimated standard deviation.

APPENDIX B

Speed Data (Tables 1 to 22)

TABLE 1 SPEED DATA

Station 1 Highway I-69 Location 3.3 Miles South of Junction S.R. 18

No. of Lanes 4 Type of Surface Portland Cement Concrete Weather Clear

This Observation — Date 8-27-75, Time 11:40 - 1:55 PM

Last Previous Observation (Speed Report No. 92)* — Date 8-3-74, Time 11:20 - 1:10 PM

OBSERVATION			PASSENGER CARS						TRUCKS					
			All		Indiana		Non-Indiana		All		Less than 5000 pounds		5000 pounds or more	
			Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All vehicles	No. of vehicles obs.		280	288	158	174	122	114	108	112	35	28	73	84
	Average speed (m.p.h.		58.56	58.59	58.03	58.75	59.26	58.35	56.46	57.77	55.54	56.64	56.90	58.14
	Standard deviation		4.52	4.480	4.682	4.685	4.22 1	4.156	4.107	4.364	3.175	4.030	4.438	4.429
	% of vehicles traveling at or less than:	24 m.p.h.	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
		29 m.p.h.	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
		34 m.p.h.	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
		39 m.p.h.	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.00	0.00
		44 m.p.h.	0.0	0.00	0.0	0.00	0.0	0.00	0.93	0.00	0.0	0.00	1.37	0.00
		49 m.p.h.	2.14	1.39	2.53	1.15	1.64	1.75	2.78	2.68	2.86	3.57	2.74	2.38
		54 m.p.h.	16.43	16.67	18.99	16.67	13.11	16.67	28.70	20.54	28.57	32.14	28.77	16.67
		59 m.p.h.	58.93	60.07	53.29	58.62	53.20	62.28	79.63	67.86	88.57	82.14	75.34	63.10
		64 m.p.h.	89.64	92.01	90.51	90.23	88.52	94.74	98.15	93.75	100.0	100.0	97.26	91.67
		69 m.p.h.	98.93	98.26	98.73	97.70	99.18	99.12	99.07	99.11	100.0	100.0	98.63	98.81
		74 m.p.h.	100.0	99.65	100.0	99.43	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		79 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Bound	No. of vehicles obs.		140	141	82	88	58	53	54	56	16	12	38	44
	Average speed		58.79	59.16	58.41	59.15	59.31	59.17	57.33	58.23	55.94	56.92	57.92	58.59
Bound	No. of vehicles obs.		140	147	76	86	64	61	54	56	19	16	35	40
	Average speed		58.34	58.05	57.61	58.34	59.22	57.64	55.59	57.30	55.21	56.44	55.80	57.65

* Annual traffic speed study.

TABLE 2 SPEED DATA

Station 2 Highway I-65 Location 1.0 Miles West of Junction S.R. 334

No. of Lanes 4 Type of Surface Portland Cement Concrete Weather Hazy

This Observation — Date 9-18-75, Time 10:00 - 2:55 PM

Last Previous Observation (Speed Report No. 92)* — Date 6-19-74, Time 11:20 - 1:55 PM

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		Less than 5000 pounds		5000 pounds or more	
OBSERVATION		Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All vehicles	No. of vehicles obs.	283	296	161	165	122	131	172	131	57	31	115	100
	Average speed (m.p.h.	57.76	60.80	57.52	60.42	58.09	61.27	55.44	59.70	56.09	58.68	55.12	60.02
	Standard deviation	4.552	4.680	4.598	4.580	4.489	4.778	4.840	4.736	5.761	4.374	4.305	4.671
	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.00	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00
	29 m.p.h.	0.0	0.00	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	34 m.p.h.	0.0	0.00	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	39 m.p.h.	0.0	0.00	0.0	0.00	0.0	0.0	0.58	0.0	0.0	0.0	0.87	0.0
	44 m.p.h.	0.35	.34	0.62	0.00	0.0	.76	1.16	0.0	0.0	0.0	1.74	0.0
	49 m.p.h.	2.12	2.03	3.11	3.03	0.82	.76	10.47	1.53	15.79	3.23	7.83	1.0
	54 m.p.h.	24.03	7.77	25.47	7.88	22.13	7.63	40.70	12.98	38.60	16.13	41.74	12.00
	59 m.p.h.	66.08	36.49	69.57	39.39	61.48	32.82	82.56	47.33	77.19	54.84	85.22	45.00
	64 m.p.h.	92.58	80.74	91.93	83.64	93.44	77.10	97.67	86.26	94.74	90.32	99.13	85.00
	69 m.p.h.	98.94	96.62	99.38	96.36	98.36	96.95	98.84	96.95	96.49	96.77	100.0	97.00
	74 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	79 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Bound	No. of vehicles obs.	148	148	88	90	60	58	95	57	32	8	63	49
	Average speed	58.93	60.58	58.61	60.28	59.38	61.05	56.55	59.89	56.78	57.62	56.43	60.27
Bound	No. of vehicles obs.	135	148	73	75	62	73	77	74	25	23	52	51
	Average speed	56.49	61.02	56.19	60.60	56.84	61.45	54.08	59.55	55.20	59.04	53.54	59.78

*Annual Traffic Speed Study

TABLE 3 SPEED DATA

Station 3 Highway I-74 Location 1.0 Miles West of Junction of Post Road

No. of Lanes 4 Type of Surface Portland Cement Concrete Weather Cloudy

This Observation — Date 8-22-75, Time 2:30 - 4:25 PM

Last Previous Observation (Speed Report No. 92) — Date 8-6-74, Time 11:30 - 1:10 PM

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		Less than 5000 pounds		5000 pounds or more	
OBSERVATION		Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All vehicles	No. of vehicles obs.	284	288	206	207	78	81	109	110	54	52	55	58
	Average speed (m.p.h.	58.58	60.25	58.36	60.05	59.14	60.77	58.17	59.72	57.72	58.96	58.60	60.40
	Standard deviation	4.422	4.803	4.370	4.935	4.535	4.434	5.490	4.470	6.772	4.168	3.857	4.656
	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	39 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.92	0.0	0.0	0.0	1.82	0.0
	44 m.p.h.	0.35	0.0	0.49	0.0	0.0	0.0	1.83	0.0	1.85	0.0	1.82	0.0
	49 m.p.h.	1.41	.35	1.94	.48	0.0	0.0	3.67	.91	5.56	1.92	1.82	0.0
	54 m.p.h.	15.49	7.99	16.99	10.14	11.54	2.47	22.02	10.00	37.04	11.54	7.27	8.62
	59 m.p.h.	61.62	48.26	63.11	49.76	57.69	44.44	66.97	49.09	62.96	53.85	70.91	44.83
	64 m.p.h.	91.55	86.81	92.23	87.44	89.74	85.19	89.91	84.55	83.33	88.46	96.36	81.03
	69 m.p.h.	98.24	96.18	98.54	96.62	97.44	95.06	97.25	98.18	94.44	100.0	100.0	96.55
	74 m.p.h.	99.30	97.92	99.51	98.07	98.72	97.53	99.08	100.0	98.15	100.0	100.0	100.0
	79 m.p.h.	100.0	99.65	100.0	99.52	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	84 m.p.h.	100.0	99.65	100.0	99.52	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Bound	No. of vehicles obs.	142	142	98	95	44	47	54	53	27	24	27	29
	Average speed	58.77	59.70	58.32	59.18	59.80	60.77	57.63	60.11	57.33	59.00	57.93	61.03
Bound	No. of vehicles obs.	142	146	108	112	34	34	55	57	27	28	28	29
	Average speed	58.38	60.78	58.41	60.79	58.29	60.76	58.69	59.35	58.11	58.93	59.25	59.76

TABLE 4 SPEED DATA

Station 4 Highway I-65 Location 7.5 Miles North of Junction of S.R. 160

No. of Lanes 4 Type of Surface Portland Cement Concrete Weather Cloudy

This Observation: Date 8-25-75 Time 1:50 - 3:50 PM

Last Previous Observation (Speed Report No. 92): Date 9-4-74 Time 12:05 - 2:05 PM

			PASSENGER CARS						TRUCKS					
			All		Indiana		Non-Indiana		All		Less than 5000 pounds		5000 pounds or more	
	OBSERVATION		Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All vehicles	No. of vehicles obs.		283	283	136	126	147	157	110	115	33	51	77	64
	Average speed (m.p.h.)		59.87	60.10	59.40	59.65	60.31	60.46	56.43	58.27	57.30	57.90	56.02	58.56
	Standard deviation		4.990	5.055	5.265	4.990	4.697	5.093	4.489	4.541	4.997	4.993	4.233	4.163
	% of vehicles traveling at or less than	24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		39 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.91	0.0	0.0	0.0	1.39	0.0
		44 m.p.h.	0.0	0.0	0.00	0.0	0.0	0.0	0.91	0.0	0.0	0.0	1.39	0.0
		49 m.p.h.	0.35	1.41	0.74	1.59	0.0	1.27	4.55	2.61	0.0	3.92	6.49	1.56
		54 m.p.h.	12.37	13.07	16.18	15.08	8.84	11.46	31.82	19.13	33.33	19.61	31.17	18.75
		59 m.p.h.	49.17	44.17	50.00	50.00	48.30	39.49	79.09	64.35	66.67	70.59	84.82	59.38
		64 m.p.h.	86.57	78.80	86.03	81.75	87.07	76.43	96.36	90.43	93.94	90.20	97.40	90.63
		69 m.p.h.	95.41	96.82	94.12	96.83	96.60	96.82	99.09	99.13	96.97	98.04	100.0	100.0
		74 m.p.h.	99.65	100.0	100.0	100.0	99.32	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		79 m.p.h.	99.65	100.0	100.0	100.0	99.32	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Bound	No. of vehicles Obs.		141	143	72	72	69	71	55	56	19	29	36	27
	Average speed		59.84	60.78	59.78	59.79	59.90	61.79	56.47	59.66	57.68	59.52	55.83	59.81
Bound	No. of vehicles obs.		142	142	64	54	78	86	55	59	41	22	41	37
	Average speed		59.91	59.40	58.98	59.46	60.67	59.36	56.38	56.95	56.79	55.77	56.24	57.65

TABLE 5 SPEED DATA

Station 5 Highway U.S.31 Location 1.2 Miles South of Junction of S.R. 38

No. of Lanes 4 Type of Surface Asphalt Concrete Weather Cloudy

This Observation — Date 8-22-75 — Time 10:55 - 1:05 PM

Last Previous Observation (Speed Report No. 92) — Date 6-20-74 — Time 11:50 - 2:15 PM

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		Less than 5000 pounds		5000 pounds or more	
OBSERVATION		Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All vehicles	No. of vehicles obs.	280	278	248	235	32	43	139	111	31	37	108	74
	Average speed (m.p.h.	58.81	59.05	58.80	58.89	58.87	59.95	55.53	57.79	57.23	58.03	55.05	57.68
	Standard deviation	5.120	4.722	5.069	4.729	5.587	4.629	5.163	5.189	5.045	5.129	5.116	5.250
	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	39 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	44 m.p.h.	0.7	.36	0.40	.43	3.13	0.0	1.44	1.80	0.0	0.0	1.85	2.70
	49 m.p.h.	3.21	2.52	3.23	2.55	3.13	2.33	12.23	5.41	3.23	8.11	14.81	4.05
	54 m.p.h.	16.79	13.31	17.74	14.47	9.38	6.98	43.17	25.23	38.71	27.03	44.44	24.32
	59 m.p.h.	57.14	55.04	57.26	55.74	56.25	51.16	77.70	60.36	70.97	54.05	79.63	63.51
	64 m.p.h.	86.79	89.93	86.29	91.49	90.63	81.40	96.40	93.69	87.10	94.59	99.07	93.24
	69 m.p.h.	97.86	97.84	97.98	97.87	96.88	97.67	100.0	98.20	100.0	100.0	100.0	97.30
	74 m.p.h.	99.64	100.0	100.0	100.0	96.88	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	79 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Bound	No. of vehicles obs.	140	138	119	117	21	21	70	53	16	16	54	37
	Average speed	58.76	58.76	58.72	58.48	59.00	60.33	56.97	58.11	59.12	57.31	56.33	58.46
Bound	No. of vehicles obs.	140	140	129	118	11	22	69	58	15	21	54	37
	Average speed	58.85	59.34	58.87	59.29	58.64	59.59	54.07	57.50	55.20	58.57	53.76	56.89

TABLE 6 SPEED DATA

Station 6 Highway U.S. 30 Location 2.0 Miles East of Junction of S. R. 49

No. of Lanes 4 Type of Surface Asphalt Concrete Weather Cloudy

This Observation — Date 9-17-75 — Time 10:46 - 1:46 PM

Last Previous Observation (Speed Report No. _____) — Date _____ — Time _____

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		Less than 5000 pounds		5000 pounds or more	
OBSERVATION		Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All vehicles	No. of vehicles obs.		287		197		90		134		32		102
	Average speed (m.p.h.		58.65		58.36		59.08		58.01		57.50		58.18
	Standard deviation		4.624		4.979		3.721		4.814		6.520		4.166
	% of vehicles traveling at or less than 24 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	29 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	34 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	39 m.p.h.		0.0		0.0		0.0		.75		3.13		0.0
	44 m.p.h.		.35		.51		0.0		1.49		6.25		0.0
	49 m.p.h.		3.83		5.08		1.11		5.97		9.38		4.90
	54 m.p.h.		16.03		18.78		10.00		20.15		28.13		17.65
	59 m.p.h.		58.54		60.41		54.44		58.21		56.25		58.82
	64 m.p.h.		89.90		88.83		92.22		92.54		87.50		94.12
	69 m.p.h.		99.30		99.49		98.89		100.0		100.0		100.0
	74 m.p.h.		99.65		99.49		100.0		100.0		100.0		100.0
	79 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	84 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	89 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
North Bound	No. of vehicles obs.		142		83		59		75		18		57
	Average speed		58.73		58.51		59.05		57.92		57.39		58.09
South Bound	No. of vehicles obs.		145		114		31		59		14		45
	Average speed		58.57		58.42		59.13		58.14		57.64		58.29

TABLE 7 SPEED DATA

Station 7 Highway U.S. 41 Location 1.0 Mile North of South Junction of S.R. 2

No. of Lanes 4 Type of Surface Asphalt Concrete Weather Cloudy

This Observation — Date 9-4-75 — Time 10:28 - 2:50 PM

Last Previous Observation (Speed Report No. 92) — Date 6-26-74 — Time 11:15 - 2:45 PM

			PASSENGER CARS						TRUCKS					
			All		Indiana		Non-Indiana		All		Less than 5000 pounds		5000 pounds or more	
	OBSERVATION		Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All vehicles	No. of vehicles obs.		281	291	207	219	74	72	108	113	32	38	76	75
	Average speed (m.p.h.		57.95	56.80	57.90	56.90	58.07	56.49	55.43	53.81	59.53	53.97	53.70	53.73
	Standard deviation		6.997	6.364	7.438	6.508	5.626	5.939	7.734	6.944	6.988	7.600	7.412	6.640
	% of vehicles traveling at or less than	24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		34 m.p.h.	0.36	0.0	0.48	0.0	0.0	0.0	0.0	.88	0.0	0.0	0.0	1.33
		39 m.p.h.	0.36	.34	0.48	0.0	0.0	1.39	3.70	5.31	0.0	7.89	5.26	4.00
		44 m.p.h.	2.49	3.09	3.38	2.74	0.0	4.17	10.19	8.85	0.0	10.53	14.47	8.00
		49 m.p.h.	5.34	8.25	5.28	9.13	2.70	5.56	17.59	21.24	0.0	18.42	25.00	22.67
		54 m.p.h.	31.32	34.71	31.88	32.42	29.73	41.67	39.81	52.21	21.88	52.63	47.37	52.00
		59 m.p.h.	65.12	72.16	66.18	72.15	62.16	72.22	72.22	82.30	59.38	78.95	77.63	84.00
		64 m.p.h.	84.34	91.07	84.54	92.24	83.78	87.50	87.96	94.69	75.00	92.11	93.42	96.00
		69 m.p.h.	93.24	97.59	92.27	96.80	95.95	100.0	97.22	98.23	93.75	97.37	98.68	98.67
		74 m.p.h.	98.93	99.31	98.55	99.09	100.0	100.0	99.07	100.0	96.88	100.0	100.0	100.0
		79 m.p.h.	98.93	99.31	98.55	99.09	100.0	100.0	99.07	100.0	96.88	100.0	100.0	100.0
		84 m.p.h.	99.64	99.66	99.52	99.54	100.0	100.0	99.07	100.0	96.88	100.0	100.0	100.0
		89 m.p.h.	99.64	99.66	99.52	99.54	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Bound	No. of vehicles obs.		141	149	96	118	45	31	54	57	17	17	37	40
	Average speed		56.11	55.67	55.92	55.81	56.51	55.16	50.98	50.75	55.24	49.06	49.03	51.47
Bound	No. of vehicles obs.		140	142	111	101	29	41	54	56	15	21	39	35
	Average speed		59.80	57.98	59.62	58.18	60.80	57.49	59.87	56.93	64.40	57.95	58.13	56.31

TABLE 8 SPEED DATA

Station 8 Highway U.S. 52 Location 1.0 Mile West of Klondike

No. of Lanes 4 Type of Surface Asphalt Concrete Weather Clear

This Observation — Date 8-21-75, Time 9:00 - 1:05 PM

Last Previous Observation (Speed Report No. 92) — Date 6-4-74, Time 9:20 - 2:05 PM

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		Less than 5000 pounds		5000 pounds or more	
OBSERVATION		Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All vehicles	No. of vehicles obs.	280	287	259	236	21	51	108	132	60	79	48	53
	Average speed (m.p.h.	56.56	56.22	56.67	56.06	55.19	56.92	53.14	54.54	54.35	56.28	51.62	51.94
	Standard deviation	57.52	5.548	5.744	5.593	5.810	5.329	6.894	7.638	5.883	6.708	7.781	8.247
	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.93	1.52	0.0	0.0	2.08	3.77
	39 m.p.h.	0.36	.70	0.39	.85	0.0	0.0	2.78	3.79	1.67	0.0	4.17	9.43
	44 m.p.h.	2.14	1.74	1.93	2.12	4.76	0.0	12.96	7.58	5.00	2.53	22.92	15.09
	49 m.p.h.	8.21	11.15	7.72	11.44	14.29	9.80	24.07	22.73	15.00	16.46	35.42	32.08
	54 m.p.h.	36.07	36.59	35.52	36.86	42.86	35.29	54.63	49.24	53.33	40.51	66.25	62.26
	59 m.p.h.	71.07	74.91	70.27	76.27	80.95	68.63	84.26	78.79	81.67	75.95	87.50	83.02
	64 m.p.h.	92.50	93.97	92.28	93.22	95.24	96.08	97.22	91.67	96.67	88.61	97.92	96.23
	69 m.p.h.	98.93	99.30	98.84	99.58	100.0	98.04	100.0	96.21	100.0	94.94	100.0	98.11
	74 m.p.h.	100.0	99.65	100.0	99.58	100.0	100.0	100.0	99.24	100.0	98.73	100.0	100.0
	79 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
North Bound	No. of vehicles obs.	140	147	127	120	13	27	54	56	29	37	25	19
	Average speed	56.40	58.01	56.24	57.75	57.92	59.15	54.30	57.20	55.90	57.89	52.44	55.84
South Bound	No. of vehicles obs.	140	140	132	116	8	24	54	76	31	42	22	34
	Average speed	56.72	54.34	57.08	54.32	50.75	54.42	51.98	52.58	52.90	54.86	50.74	49.76

TABLE 9 SPEED DATA

Station 9 Highway U.S. 35 Location 1.5 Miles East of Junction of I-69

No. of Lanes 2 Type of Surface Asphalt Concrete Weather Clear

This Observation — Date 8-27-75, Time 2:40 - 4:20 PM

Last Previous Observation (Speed Report No. 92) — Date 8-27-74, Time 11:40 - 2:00PM

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		Less than 5000 pounds		5000 pounds or more	
OBSERVATION		Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All vehicles	No. of vehicles obs.	286	287	259	257	27	30	111	123	38	64	73	59
	Average speed (m.p.h.)	56.95	56.97	56.90	57.05	57.41	56.20	54.74	56.22	55.55	56.42	54.32	56.00
	Standard deviation	5.993	5.843	5.944	5.861	6.553	5.732	5.765	5.427	6.110	5.474	5.572	5.414
	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	39 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0	1.37	0.0
	44 m.p.h.	0.35	2.44	0.39	2.33	0.0	3.33	4.50	1.63	2.63	1.56	5.48	1.69
	49 m.p.h.	8.39	5.57	9.27	5.84	0.0	3.33	11.71	9.76	7.89	9.38	16.44	10.17
	54 m.p.h.	33.57	35.19	32.43	33.46	44.44	50.00	45.05	34.96	39.47	29.69	47.95	40.68
	59 m.p.h.	71.33	73.17	71.43	72.76	70.37	76.67	81.08	78.86	81.58	85.94	80.82	71.19
	64 m.p.h.	91.61	91.29	91.89	91.44	88.89	90.00	97.30	94.31	97.37	95.31	97.26	93.22
	69 m.p.h.	96.50	96.86	96.91	96.89	92.59	96.67	99.10	98.37	97.37	96.88	100.0	100.0
	74 m.p.h.	98.95	99.65	99.23	99.61	96.30	100.0	99.10	99.19	97.37	98.44	100.0	100.0
	79 m.p.h.	99.65	100.0	99.61	100.0	100.0	100.0	99.10	100.0	97.37	100.0	100.0	100.0
	84 m.p.h.	99.65	100.0	99.61	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	89 m.p.h.	9965	100.0	99.61	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Bound	No. of vehicles obs.	143	140	125	125	18	15	55	69	22	40	33	29
	Average speed	57.41	55.50	57.29	55.76	58.22	53.33	55.36	55.78	57.23	55.87	54.12	55.66
Bound	No. of vehicles obs.	143	147	134	132	9	15	56	54	16	24	40	30
	Average speed	56.50	58.36	56.54	58.28	55.78	59.07	54.12	56.78	53.25	57.33	54.47	56.33

TABLE 10 SPEED DATA

Station 10 Highway S.R. 43 Location 2.0 Miles South of Chalmers

No. of Lanes 2 Type of Surface Asphalt Concrete Weather Cloudy

This Observation — Date 7-10-75 — Time 10:15 - 12:45 PM

Last Previous Observation (Speed Report No. 92) — Date 8-30-74 — Time 10:30 - 1:05 PM

			PASSENGER CARS						TRUCKS					
			All		Indiana		Non-Indiana		All		Less than 5000 pounds		5000 pounds or more	
OBSERVATION			Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All vehicles	No. of vehicles obs.		282	286	268	251	14	35	111	286	61	59	50	54
	Average speed (m.p.h.		59.09	59.42	59.07	59.59	59.50	58.14	57.09	59.42	57.26	59.83	56.88	59.43
	Standard deviation		7.343	5.700	7.409	5.871	6.149	4.124	6.337	5.700	7.164	7.288	5.216	6.347
	% of vehicles traveling at or less than	24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		39 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.90	0.0	1.64	0.0	0.0	0.0
		44 m.p.h.	0.71	.35	0.75	.40	0.0	0.0	2.70	.35	3.28	1.69	2.00	0.0
		49 m.p.h.	6.38	3.85	6.34	4.38	7.14	0.0	12.61	3.85	16.39	11.86	8.00	5.56
		54 m.p.h.	27.30	19.23	27.24	18.73	28.57	22.86	28.83	19.23	24.59	16.95	34.00	24.07
		59 m.p.h.	54.61	51.57	55.22	49.40	42.86	68.57	66.67	51.57	62.30	49.15	72.00	53.70
		64 m.p.h.	82.98	86.36	82.84	85.26	85.71	94.29	92.79	86.36	93.44	86.36	92.00	74.07
		69 m.p.h.	91.84	96.50	91.79	96.41	92.86	97.14	97.30	96.50	95.08	93.22	100.0	94.44
		74 m.p.h.	96.45	98.60	96.27	98.41	100.0	100.0	99.20	98.60	96.72	96.61	100.0	100.0
		79 m.p.h.	98.94	99.65	98.88	99.60	100.0	100.0	100.0	99.65	100.0	98.31	100.0	100.0
		84 m.p.h.	99.29	100.0	99.25	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		89 m.p.h.	99.65	100.0	99.63	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Bound	No. of vehicles obs.		141	141	134	124	7	17	55	141	30	33	25	29
	Average speed		58.87	60.33	88.71	60.60	62.00	58.35	56.33	60.33	56.03	58.73	56.68	60.14
Bound	No. of vehicles obs.		141	145	134	127	7	18	56	145	31	26	25	25
	Average speed		59.31	58.52	59.43	58.61	57.00	57.94	57.84	58.52	58.45	61.23	57.08	58.60

TABLE 11 SPEED DATA

Station 11 Highway U.S. 231 Location 1.0 Mile South of Junction S.R. 234

No. of Lanes 2 Type of Surface Asphalt Concrete Weather Cloudy

This Observation — Date 8-26-75 — Time 10:40 - 1:30 PM

Last Previous Observation (Speed Report No. _____) — Date _____ — Time _____

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		Less than 5000 pounds		5000 pounds or more	
OBSERVATION		Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All vehicles	No. of vehicles obs.		279		245		34		116		48		68
	Average speed (m.p.h.		57.35		57.34		57.44		56.12		56.67		55.74
	Standard deviation		5.402		5.392		5.555		6.119		6.541		5.822
	% of vehicles traveling at or less than 24 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	29 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	34 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	39 m.p.h.		.36		.41		0.0		.86		2.08		0.0
	44 m.p.h.		1.08		1.22		0.0		3.45		2.08		4.41
	49 m.p.h.		7.17		7.35		5.88		13.79		14.58		13.24
	54 m.p.h.		29.39		28.98		32.35		34.48		29.17		38.24
	59 m.p.h.		69.53		68.57		76.47		71.55		72.92		70.59
	64 m.p.h.		89.96		89.80		91.18		94.83		93.75		95.59
	69 m.p.h.		98.57		99.18		94.12		98.28		95.83		100.0
	74 m.p.h.		100.0		100.0		100.0		99.14		97.92		100.0
	79 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	84 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	89 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
North Bound	No. of vehicles obs.		139		124		15		60		24		36
	Average speed		58.51		58.69		57.07		57.02		58.37		56.11
South Bound	No. of vehicles obs.		140		121		19		56		24		32
	Average speed		56.20		55.96		57.74		55.16		54.96		55.31

TABLE 12 SPEED DATA

Station 12 Highway S.R. 25 Location 0.7 Miles West of Americus

No. of Lanes 2 Type of Surface Asphalt Concrete Weather Cloudy

This Observation — Date 8-21-75, Time 2:00 - 4:10 PM

Last Previous Observation (Speed Report No. 92) — Date 6-6-74, Time 12:40 - 2:35 PM

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		Less than 5000 pounds		5000 pounds or more	
OBSERVATION		Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All vehicles	No. of vehicles obs.	289	288	270	266	19	22	108	124	53	69	55	55
	Average speed (m.p.h.	55.78	57.30	55.86	57.25	54.58	57.91	53.23	55.72	53.43	57.14	53.04	53.93
	Standard deviation	5.280	4.475	5.295	4.492	5.048	4.308	4.948	5.376	4.435	5.342	5.430	4.902
	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	39 m.p.h.	0.0	.35	0.0	.38	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	44 m.p.h.	0.69	.69	0.74	.75	0.0	0.0	3.70	1.61	0.0	1.45	7.27	1.82
	49 m.p.h.	7.96	2.43	7.41	2.63	15.79	0.0	19.44	11.29	16.98	7.25	21.82	16.36
	54 m.p.h.	43.25	25.69	43.33	26.32	42.11	18.18	56.48	39.52	60.38	27.54	52.73	54.55
	59 m.p.h.	80.28	73.26	80.00	73.31	84.21	72.73	90.74	75.00	90.57	66.67	90.91	85.45
	64 m.p.h.	94.12	93.06	93.70	93.61	100.0	86.36	100.0	95.16	100.0	92.75	100.0	98.18
	69 m.p.h.	98.27	99.65	98.15	99.62	100.0	100.0	100.0	99.19	100.0	98.55	100.0	100.0
	74 m.p.h.	99.65	100.0	99.63	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	79 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	84 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
North Bound	No. of vehicles obs.	149	145	136	134	13	11	54	57	23	29	31	28
	Average speed	55.54	57.25	55.58	57.37	55.15	55.82	54.09	57.04	53.43	58.34	54.58	55.68
South Bound	No. of vehicles obs.	140	143	134	132	6	11	54	67	30	40	24	27
	Average speed	56.03	57.36	56.15	57.14	53.33	60.00	52.37	54.60	53.43	56.27	51.04	52.11

TABLE 13 SPEED DATA

Station 13 Highway I-94 Location Near Burr

No. of Lanes 6 Type of Surface Asphalt Concrete Weather Overcast

This Observation Date 9-16-75 Time 10:20 - 12:30 PM

Last Previous Observation (Speed Report No. _____) Date _____ Time _____

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		Less than 5000 pounds		5000 pounds or more	
OBSERVATION		Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All vehicles	No. of vehicles obs.		312		172		140		109		23		86
	Average speed (m.p.h.		60.94		60.87		61.02		59.97		60.57		59.81
	Standard deviation		4.607		5.210		3.752		3.332		3.116		3.387
	% of vehicles traveling at or less than 24 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	29 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	34 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	39 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	44 m.p.h.		.32		.58		0.0		0.0		0.0		0.0
	49 m.p.h.		1.28		2.33		0.0		0.0		0.0		0.0
	54 m.p.h.		6.41		8.72		3.57		6.42		0.0		8.14
	59 m.p.h.		34.62		37.21		31.43		38.53		34.78		39.53
	64 m.p.h.		80.45		80.23		80.71		93.58		95.65		93.02
	69 m.p.h.		97.12		95.93		98.57		100.0		100.0		100.0
	74 m.p.h.		99.04		98.26		100.0		100.0		100.0		100.0
	79 m.p.h.		99.68		99.42		100.0		100.0		100.0		100.0
	84 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	89 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
Bound	No. of vehicles obs.		146		75		71		55		14		41
	Average speed		60.70		60.48		60.93		58.95		59.29		58.83
Bound	No. of vehicles obs.		166		97		69		54		9		45
	Average speed		61.15		61.18		61.12		61.02		62.56		60.71

TABLE 14 SPEED DATA

Station 14 Highway I-65 Location East of White River

No. of Lanes 4 Type of Surface Portland Cement Concrete Weather Hazy

This Observation — Date 9-18-75 — Time 10:32 - 12:35

Last Previous Observation (Speed Report No. _____) — Date _____ — Time _____

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		Less than 5000 pounds		5000 pounds or more	
OBSERVATION		Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All vehicles	No. of vehicles obs.		390		369		21		111		54		57
	Average speed (m.p.h.		59.25		59.20		60.14		57.37		57.69		57.07
	Standard deviation		4.915		4.929		4.683		5.452		5.351		5.577
	% of vehicles traveling at or less than 24 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	29 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	34 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	39 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	44 m.p.h.		.26		.27		0.0		.90		1.85		0.0
	49 m.p.h.		1.79		1.90		0.0		6.31		3.70		8.77
	54 m.p.h.		14.87		15.18		9.52		27.93		24.07		31.58
	59 m.p.h.		55.64		56.37		42.86		66.67		64.81		68.42
	64 m.p.h.		87.44		87.80		80.95		90.99		90.74		91.23
	69 m.p.h.		97.95		97.83		100.0		98.20		98.15		98.25
	74 m.p.h.		99.23		99.19		100.0		98.20		98.15		98.25
	79 m.p.h.		99.49		99.46		100.0		100.0		100.0		100.0
	84 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	89 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
Bound	No. of vehicles obs.		182		171		11		55		24		31
	Average speed		59.24		59.20		59.73		57.02		58.13		56.16
Bound	No. of vehicles obs.		208		198		10		56		30		26
	Average speed		59.27		59.20		60.60		57.71		57.33		58.15

TABLE 15 SPEED DATA

Station 1, 2, 3, 4 Highway Interstate, Rural Location See individual stations

No. of Lanes ____ Type of Surface ____ Weather ____

This Observation
Date ____
Time ____

Last Previous Observation (Speed Report No. 92)
Date ____
Time ____

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		Less than 5000 pounds		5000 pounds or more	
OBSERVATION		Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All vehicles	No. of vehicles obs.	1130	1155	661	672	469	483	499	468	179	162	320	306
	Average speed (m.p.h.	58.69	59.94	58.29	59.73	59.26	60.23	56.47	58.89	56.70	58.17	56.35	59.27
	Standard deviation	4.682	4.821	4.729	4.827	4.559	4.802	4.859	4.606	5.593	4.591	4.400	4.575
	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	39 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.94	0.0
	44 m.p.h.	0.18	.09	0.30	0.0	0.0	.21	1.20	0.0	0.56	0.0	1.56	0.0
	49 m.p.h.	1.50	1.30	2.12	1.49	0.64	1.04	6.01	1.92	7.26	3.09	5.31	1.31
	54 m.p.h.	17.08	11.34	19.36	12.20	13.86	10.14	32.06	15.60	35.20	18.52	30.31	14.05
	59 m.p.h.	58.94	47.19	62.03	49.55	54.58	43.89	77.76	56.84	73.18	64.20	80.31	52.94
	64 m.p.h.	90.09	84.59	90.47	86.16	89.55	82.40	95.79	88.68	92.18	91.36	97.81	87.25
	69 m.p.h.	97.88	96.97	97.88	96.88	98.87	97.10	98.60	98.29	96.65	98.77	99.69	98.04
	74 m.p.h.	99.73	99.39	99.85	99.26	99.57	99.59	99.80	100.0	99.44	100.0	100.0	100.0
	79 m.p.h.	99.91	99.91	100.0	99.85	99.79	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	84 m.p.h.	100.0	99.91	100.0	99.85	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	89 m.p.h.	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 16 SPEED DATA

Station 5, 6, 7, 8 Highway 4-Lane, Rural Location See individual stations.

No. of Lanes ____ Type of Surface ____ Weather ____

This Observation — Date ____ Time ____

Last Previous Observation (Speed Report No. 92) — Date ____ Time ____

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		Less than 5000 pounds		5000 pounds or more	
OBSERVATION		Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All vehicles	No. of vehicles obs.	1092	1143	931	887	161	256	464	490	178	186	286	304
	Average speed (m.p.h.)	57.97	57.66	57.98	57.55	57.88	58.07	55.30	56.06	56.81	56.37	54.36	55.87
	Standard deviation	6.172	5.494	6.270	5.609	5.592	5.067	7.020	6.523	7.145	6.687	6.786	6.425
	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.22	0.0	0.56	0.0	0.0	0.0
	34 m.p.h.	0.09	0.0	.11	0.0	0.0	0.0	0.43	.61	0.56	0.0	0.35	.99
	39 m.p.h.	.18	.26	.21	.23	0.0	.39	1.72	2.45	1.12	2.15	2.10	2.63
	44 m.p.h.	1.56	1.40	1.61	1.47	1.24	1.17	7.33	4.90	3.93	4.30	9.44	5.26
	49 m.p.h.	5.95	6.47	6.12	7.10	4.97	4.30	16.59	13.88	9.55	13.98	20.98	13.82
	54 m.p.h.	27.20	25.28	27.50	25.82	25.47	23.44	43.75	36.53	38.76	38.17	46.85	35.53
	59 m.p.h.	62.91	65.27	63.05	66.29	62.11	61.72	75.65	69.80	69.66	68.82	79.37	70.39
	64 m.p.h.	87.00	91.16	86.90	91.54	87.58	89.84	91.59	93.06	84.83	90.32	95.80	94.74
	69 m.p.h.	95.97	98.51	95.81	98.42	96.89	98.83	97.84	98.16	96.07	97.31	98.95	98.68
	74 m.p.h.	99.36	99.65	99.36	99.55	99.38	100.0	99.35	99.80	99.44	99.46	99.30	100.0
	79 m.p.h.	99.73	99.83	99.68	99.77	100.0	100.0	99.78	100.0	99.44	100.0	100.0	100.0
	84 m.p.h.	99.91	99.91	99.89	99.89	100.0	100.0	99.78	100.0	99.44	100.0	100.0	100.0
	89 m.p.h.	99.91	99.91	99.89	99.89	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 17 SPEED DATA

Station 9, 10, 11, 12 Highway 2-Lane, Rural Location See individual stations.

No. of Lanes ____ Type of Surface ____ Weather ____

This Observation — Date ____ Time ____

Last Previous Observation (Speed Report No. 92) — Date ____ Time ____

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		Less than 5000 pounds		5000 pounds or more	
OBSERVATION		Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All vehicles	No. of vehicles obs.	1138	1140	1021	1019	117	121	439	476	193	240	246	236
	Average speed (m.p.h.)	56.74	57.76	56.84	57.80	55.88	57.42	54.83	56.88	55.26	57.52	54.49	56.22
	Standard deviation	6.292	5.460	6.321	5.512	5.986	5.006	5.871	6.125	6.272	6.257	5.525	5.931
	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	34 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	39 m.p.h.	.18	.18	.10	.20	.85	0.0	.91	.21	1.04	.42	0.81	0.0
	44 m.p.h.	1.14	1.14	1.08	1.18	1.71	.83	3.87	1.89	3.11	1.67	4.47	2.12
	49 m.p.h.	8.61	4.74	8.23	5.00	11.97	2.48	16.17	10.92	14.51	10.42	17.48	11.44
	54 m.p.h.	37.87	27.37	37.22	26.89	43.59	31.40	44.42	32.56	40.93	25.83	47.15	39.41
	59 m.p.h.	71.18	66.93	70.81	66.14	74.36	73.55	80.64	69.54	77.72	68.75	82.93	70.34
	64 m.p.h.	90.86	90.18	90.40	90.09	94.87	90.91	97.04	90.76	96.37	90.83	97.56	90.68
	69 m.p.h.	96.57	97.89	96.47	98.04	97.44	96.69	98.86	97.48	97.41	96.25	100.0	98.73
	74 m.p.h.	98.77	99.56	98.73	99.51	99.15	100.0	99.32	99.16	98.45	98.33	100.0	100.0
	79 m.p.h.	99.65	99.91	99.61	99.90	100.0	100.0	99.77	99.79	99.48	99.58	100.0	100.0
	84 m.p.h.	99.74	100.0	99.71	100.0	100.0	100.0	99.77	100.0	100.0	100.0	100.0	100.0
	89 m.p.h.	99.82	100.0	99.80	100.0	100.0	100.0	99.77	100.0	100.0	100.0	100.0	100.0

TABLE 18 SPEED DATA

Station 13, 14 Highway Interstate, Urban Location See individual stations.

No. of Lanes ____ Type of Surface ____ Weather ____

This Observation
Date ____
Time ____

Last Previous Observation (Speed Report No. ____)
Date ____
Time ____

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		Less than 5000 pounds		5000 pounds or more	
OBSERVATION		Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All vehicles	No. of vehicles obs.		702		541		161		220		77		143
	Average speed (m.p.h.		60.00		59.73		60.91		58.66		58.55		58.72
	Standard deviation		4.850		5.075		3.881		4.702		4.954		4.577
	% of vehicles traveling at or less than 24 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	29 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	34 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	39 m.p.h.		0.0		0.0		0.0		0.0		0.0		0.0
	44 m.p.h.		.28		.37		0.0		.45		1.30		0.0
	49 m.p.h.		1.57		2.03		0.0		3.18		2.60		3.50
	54 m.p.h.		11.11		13.12		4.35		17.27		16.88		17.48
	59 m.p.h.		46.30		50.28		32.92		52.73		55.84		51.05
	64 m.p.h.		84.33		85.40		80.75		92.27		92.21		92.31
	69 m.p.h.		97.58		97.23		98.76		99.09		98.70		99.30
	74 m.p.h.		99.15		98.89		100.0		99.09		98.70		99.30
	79 m.p.h.		99.57		99.45		100.0		100.0		100.0		100.0
	84 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0
	89 m.p.h.		100.0		100.0		100.0		100.0		100.0		100.0

TABLE 19 SPEED DATA

Station 1 - 14 Highway Indiana System Location See individual stations.

No. of Lanes ____ Type of Surface ____ Weather ____

This Observation — Date ____ Time ____

Last Previous Observation (Speed Report No. 92) — Date ____ Time ____

		PASSENGER CARS						TRUCKS					
		All		Indiana		Non-Indiana		All		Less than 5000 pounds		5000 pounds or more	
OBSERVATION		Last	Present	Last	Present	Last	Present	Last	Present	Last	Present	Last	Present
All vehicles	No. of vehicles obs.	3360	4140	2613	3119	747	1021	1402	1654	550	665	852	989
	Average speed (m.p.h.	57.80	58.72	57.61	58.48	58.44	59.46	55.57	57.44	56.23	57.47	55.14	57.42
	Standard deviation	5.814	5.315	5.971	5.417	5.181	4.922	5.995	5.809	5.393	5.927	5.687	5.735
	% of vehicles traveling at or less than 24 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	29 m.p.h.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	34 m.p.h.	0.03	0.0	.04	0.0	0.0	0.0	.14	.18	0.18	0.0	.12	.30
	39 m.p.h.	.12	.12	.11	.13	.13	.10	1.07	.79	.73	.75	1.29	.81
	44 m.p.h.	0.95	.77	1.07	.87	.54	.49	4.07	2.06	2.55	1.95	5.05	2.12
	49 m.p.h.	5.36	3.72	5.93	4.33	3.35	1.86	12.70	8.22	10.55	8.72	14.08	7.89
	54 m.p.h.	27.41	19.57	29.24	21.03	21.02	15.08	39.80	26.90	38.36	26.47	40.73	27.20
	59 m.p.h.	64.38	57.46	65.82	59.86	59.30	50.15	77.96	63.78	73.64	66.17	80.75	62.18
	64 m.p.h.	89.35	87.90	89.17	88.84	89.96	85.01	94.79	91.05	91.27	90.98	97.07	91.10
	69 m.p.h.	96.82	97.75	96.59	97.76	97.59	97.75	98.43	98.13	96.73	97.44	99.53	98.58
	74 m.p.h.	99.29	99.47	99.23	99.36	99.46	99.80	99.50	99.58	99.09	99.10	99.77	99.90
	79 m.p.h.	99.76	99.83	99.73	99.78	99.87	100.0	99.86	99.94	99.64	99.85	100.0	100.0
	84 m.p.h.	99.88	99.95	99.85	99.94	100.0	100.0	99.93	100.0	99.82	100.0	100.0	100.0
	89 m.p.h.	99.91	99.98	99.89	99.97	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Monitoring of Speed
(Statistical Summary)

State: Indiana Calendar Quarter Ending: Sept. 30, 1975

	Miles**	Number of Monitor Locations	Frequency of Monitoring During Quarter	Duration of Monitoring	Average Speed (MPH)	Median Speed (MPH)	85th Percentile Speed (MPH)	Percent of Motorists Exceeding 55 MPH	60 MPH	65 MPH
Interstate Rural	699*	4	once each location	2 hours each location	59.64	59.00	63.80	83.1	41.7	11.8
Interstate Urban	172*	2	once each location	2 hours each location	59.68	59.20	63.70	83.4	42.3	10.3
Other multi-land divided rural	688	4	once each location	2 1/2 hours each location	57.18	56.90	61.90	66.1	27.0	6.6
Other multi-lane divided urban	288									
Undivided Rural	8791	4	once each location	2 hours each location	57.50	56.80	62.50	65.0	27.4	7.5
Undivided Urban	732									
State Total	11,310*	14			58.36	57.92	62.90			

* Does not include Toll Road

** State Roads only

TABLE 20 All Vehicles

Monitoring of Speed
(Statistical Summary)

State: Indiana

Calendar Quarter Ending: Sept. 30, 1975

	Miles**	Number of Monitor Locations	Frequency of Monitoring During Quarter	Duration of Monitoring	Average Speed (MPH)	Median Speed (MPH)	85th Percentile Speed (MPH)	Percent of Motorists Exceeding		
								55 MPH	60 MPH	65 MPH
Interstate Rural	699*	4	once each location	2 hours each location	59.94	59.32	64.20	84.8	44.1	13.0
Interstate Urban	172*	2	once each location	2 hours each location	60.00	59.10	64.20	85.3	43.7	11.8
Other multi-land divided rural	688	4	once each location	2 1/2 each location	57.66	57.20	62.00	69.8	28.3	6.9
Other multi-lane divided urban	228									
Undivided Rural	8791	4	once each location	2 hours each location	57.76	57.10	62.50	67.1	28.3	7.5
Undivided Urban	732									
State Total	11,310	14			58.72	58.20	63.40			

* Does not include Toll Road

** State Roads only

TABLE 21 Passenger Cars

Monitoring of Speed
(Statistical Summary)

State: Indiana

Calendar Quarter Ending: Sept. 30, 1975

	Miles**	Number of Monitor Locations	Frequency of Monitoring During Quarter	Duration of Monitoring	Average Speed (MPH)	Median Speed (MPH)	85th Percentile Speed (MPH)	Percent of Motorists Exceeding		
								55 MPH	60 MPH	65 MPH
Interstate Rural	699*	4	once each location	2 hours each location	58.89	58.20	63.15	78.9	35.9	8.8
Interstate Urban	172*	2	once each location	2 hours each location	58.66	58.50	62.20	77.3	37.7	5.5
Other multi-land divided rural	688	4	once each location	2 1/2 hours each location	56.06	56.00	61.60	57.4	23.9	5.7
Other multi-lane divided urban	228									
Undivided Rural	8791	4	once each location	2 hours each location	56.88	56.30	62.40	60.0	25.2	7.4
Undivided Urban	732									
State Total	11,310*	14			57.44	57.00	62.50			

* Does not include Toll Road

** State Roads only

TABLE 22 All Trucks

COVER DESIGN BY ALDO GIORGINI